

LISTING OF CLAIMS

1. (original) A self-standing bag having a spout at an upper portion of a bag body, characterized in that both side edges and an upper edge of said bag body are sealed by an edge sealer made of thermoplastic resin which covers the outer surfaces of said edges, and said edge sealer is integrally molded with said spout.
2. (original) The self-standing bag as set forth in claim 1, wherein said edge sealer of said bag body and said spout are formed by injection molding.
3. (original) The method of manufacturing a self-standing bag as set forth in claim 1, characterized in that, in case of forming said edge sealer of said bag body, cavities are formed in a mold at the places corresponding to said edges of said bag body, and then a thermoplastic resin is injected into the cavities to seal said edges of said bag body, thereby forming said edge sealer.
4. (original) The method of manufacturing a self-standing bag as set forth in claim 1, characterized in that, in case of forming said edge sealer of said bag body, a die slide injection system is used in which one cavity in the shape of a half part of said edge sealer is formed in the mold at the place corresponding to one surface of said edges of said bag body, and a thermoplastic resin is injected into said cavity to mold a half part of said edge sealer, then another cavity in the shape of the remainder part of said edge sealer is formed in the mold at the place corresponding to the other surface of said edges of said bag body, and a thermoplastic resin is injected into said cavity to mold the remainder part of said edge sealer to seal said edges of said bag body, thereby forming said edge sealer.

5. (new) A self-standing bag comprising:

a bag body with spaced apart side edges and an upper edge extending between the side edges; and

a spout disposed in the upper edge of the bag body; and wherein

the side edges and the upper edge of said bag body are sealed by an edge sealer made of thermoplastic resin which covers outer surfaces of the side edges and the upper edge; and

the edge sealer is integrally molded with the spout.

6. (new) The self-standing bag as set forth in claim 5, wherein the edge sealer and the spout are formed by injection molding.

7. (new) A method of manufacturing a self-standing bag as set forth in claim 5, wherein:

for forming the edge sealer of the bag body, cavities are formed in a mold at places corresponding to the side edges of the bag body, and

a thermoplastic resin is injected into the cavities to seal the edges of the bag body, thereby forming the edge sealer.

8. (new) A method of manufacturing a self-standing bag as set forth in claim 5, wherein:

for forming the edge sealer of the bag body, a die slide injection system is used in which one cavity in the shape of a half part of the edge sealer is formed in the mold at a place corresponding to one surface of the side edges of the bag body;

a thermoplastic resin is injected into the cavity to mold a half part of the edge sealer; another cavity in the shape of the remainder part of the edge sealer is formed in the mold at a place corresponding to the other surface of the side edges of the bag body; and

a thermoplastic resin is injected into said cavity to mold the remainder part of the edge sealer to seal the side edges of the bag body, thereby forming the edge sealer.